

[54] **ELECTRODE ASSEMBLY FOR SENSING  
HEART ACTIVITY**

[75] Inventor: **John B. Murphy**, West Roxbury,  
Mass.

[73] Assignee: **Hewlett-Packard Company**, Palo  
Alto, Calif.

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**Related U.S. Application Data**

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[58] Field of Search ..... 128/2.06 E, 2.1 E, 404,  
128/418, 419 P, DIG. 4, 642, 784, 785

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*Primary Examiner*—Lee S. Cohen

*Attorney, Agent, or Firm*—Stephen P. Fox

[57]

**ABSTRACT**

An electrode assembly for sensing heart activity from body tissue includes a flexible guide tube, a spiral retaining coil disposed in one end of the guide tube, a handle disposed at the other end of the guide tube, and twisted wires inside the tube interconnecting the retaining coil and the handle. Rotation of the handle rotates the twisted wires, which in turn rotate the retaining coil to screw it into body tissue. A safety stop releasably disposed on the guide tube limits the rotation of the retaining coil and thus limits its depth of penetration into the body tissue. After the handle is rotated a preselected amount, the handle is automatically disengaged from the twisted wires.

**10 Claims, 8 Drawing Figures**

